IN THE CLAIMS

The following is a listing of claims that includes a status identifier in parenthesis. Claims 50-52 have been cancelled without prejudice to, or disclaimer of, their subject matter which has been subsumed within the remaining, pending claims..

LISTING OF CLAIMS

1.   (Currently Amended)   A method implemented in a controller for setting a number of base stations that can be considered hand-off base stations comprising the steps of:

measuring real-time traffic flow criteria associated with one or more base stations; and

setting a number of base stations, from a list of potential hand-off base stations, that can be considered hand-off base stations to a number that is below an initial number to prevent undesired fluctuations in call blocking and call dropping rates depending on the measured traffic flow criteria and traffic-based hysterisis parameters.

2.   (Canceled).

3.   (Currently Amended)   The method as in claim 1 further comprising the step of maintaining an initial neighbor list and generating an adaptable neighbor list of potential hand-off base stations based on traffic flows and traffic-based hysterisis parameters.

4.   (Canceled).

5.   (Canceled).

6.   (Canceled).

7.   (Previously Presented)   The method as in claim 1 wherein the number of base stations included in the neighbor list of potential hand-off base stations is less than a maximum number of base stations included in an initial neighbor list.

8.   (Previously Presented)   The method as in claim 3 further comprising the step of forwarding the adaptable neighbor list to a wireless device.

9.   (Previously Presented)   The method as in claim 1 wherein a wireless device is operable to enable a hand-off.

10.   (Previously Presented)   The method as in claim 1 wherein at least one base station on the list is operable to enable a hand-off.

11.   (Canceled).

12.   (Canceled).

13.   (Canceled).

14.   (Canceled).

15.   (Canceled).

16.   (Canceled).

17.   (Canceled).

18.   (Canceled).

19.   (Canceled).

20.   (Currently Amended) A system for setting a hand-off base station list, operable to:

measure real-time traffic flow criteria associated with one or more base stations; and

set a number of base stations, from a list of potential hand-off base stations, that can be

considered hand-off base stations, to a number that is below an initial number to prevent

undesired fluctuations in call blocking and call dropping rates depending on the measured

traffic flow criteria <u>and traffic-based hysterisis parameters</u>.

21.   (Canceled).

22.   (Currently Amended) The system as in claim 20 comprising a control section

operable to maintain an initial neighbor list and generate an adaptable neighbor list of potential

hand-off base stations based on the traffic flow criteria <u>and traffic-based hysterisis parameters</u>.

23.   (Canceled).

24.   (Canceled).

25.   (Canceled).

26.   (Previously Presented) The system as in claim 20 wherein the number of base

stations included in the neighbor list of potential hand-off base stations is less than a maximum

number of base stations included in an initial neighbor list.

27.   (Previously Presented)   The system as in claim 20 comprising a control section

operable to forward an adaptable neighbor list to a wireless device.

28.   (Canceled).

29.   (Canceled).

30.   (Canceled).

31.   (Canceled).

32.   (Canceled).

33.   (Canceled).

34.   (Canceled).

35.   (Canceled).

36.   (Canceled).

37.   (Currently Amended)   A system for setting a hand-off base station list

comprising:

means for measuring real-time traffic flow criteria associated with one or more base

stations; and

means for setting a number of base stations, from a list of potential hand-off base

stations, that can be considered hand-off base stations to a number that is below an initial

number to prevent undesired fluctuations in call blocking and call dropping rates depending on

the measured traffic flow criteria and traffic-based hysterisis parameters.

38.   (Canceled).

39.   (Canceled).

40.   (Canceled).

41.   (Canceled).

42.   (Canceled).

43.   (Canceled).

44.   (Canceled).

45.   (Canceled).

46.   (Canceled).

47.   (Canceled).

48.   (Canceled).

49.   (Canceled).

50.   (Canceled).

51.   (Canceled).

52.   (Canceled).